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TITLE : EYE LOTION COMPOSITION

ABSTRACT : PURPOSE: To provide an eye lotion composition effective to prevent the degradation of acid mucopolysaccharide an useful for the remedy of cataract, etc., by compounding a group composed of an acid mucopolysaccharide, ascorbic acid and their salt and a group composed of tryptophan, histidine, uric acid, etc.

CONSTITUTION: The objective composition contains (A) 0.01~5 wt% one or more compounds selected from acid mucopolysaccharide, ascorbic acid and their salts and (B) 0.001~1 wt% one or more compounds selected from tryptophan, histidine, uric acid and their salts. The depolymerization of acid mucopolysaccharide can be prevented even in the presence of a depolymerization acceleration factor such as ascorbic acid, metallic ion, etc., by the use of tryptophan, histidine, uric acid and their salts. Accordingly, the composition is effective for the remedy and prevention of eye diseases (e.g. cataract, glaucoma, etc.) caused by the chemical change in the acid mucopolysaccharide in the lens. It can be applied also as a preservation liquid for surgical operation of eye diseases.

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